

Datasheet for 009-001-W90S**UBE2N (UBC13) protein-HIS Epitope****Overview**

Description:	UBE2N(UBC13) recombinant protein-HIS Epitope - 009-001-W90S
Item No.:	009-001-W90S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2N (UBC13) or ubiquitin-conjugating enzyme E2N is a member of the E2 ubiquitin-conjugating enzyme family which plays a role in DNA post-replication repair. UBE2N gene encodes a novel human E2 that may be involved in protein degradation in the muscles and testis (1). UBE2N plays a role in initiation of homologous recombination during double-strand break repair (2). UBE2N activity may have therapeutic uses in controlling inflammatory responses and it is also important in the induction of immune responses. UBE2N Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	UBC13, UbcH-ben, Ubiquitin-conjugating enzyme E2 N, Ubiquitin carrier protein N
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2N
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant human UBE2N (UBC13) (2-end) was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >95% by densitometry.
Relevant Links:	• NCBI - NM_003348

Application Details

Application Note:	UBE2N Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2N Protein is suitable for use in Western Blot. Expect a band approximately ~18kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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